

July 1, 1983

Memo to File:

RE: McFarland & Hullinger  
Crystal Mine  
ACT/045/010  
Tooele County, Utah

Mary Boucek and Pamela Grubaugh-Littig visited Mr. S. R. Hullinger at the Crystal Mine on June 30, 1983 at his request. The purpose of the visit was to recommend to Mr. Hullinger how to proceed with the reclamation process. The operation has been idle for over a year due to a poor limestone market.

Upon arrival at the minesite, a front-end loader and dozer were pushing "fill" material. This "fill" material was being loaded into belly dump trucks and hauled to the Getty Mercur project for tailing dam fill (rocky material at this site was also being loaded into trucks and hauled for this same project). Mr. Hullinger said that they would probably move about 100,000 cubic yards of this "fill" material. This "fill" material was a little rocky but generally looked like very good "topsoil-like" material. There is about a half million cubic yards of this "fill" material.

We explained to Mr. Hullinger how we felt that the "mined-out" area should be reclaimed. In accordance with the mine plan, all requirements of Rule M-10 will have to be met except for the two areas for which variances were granted:

1. Highwalls of solid rock may be left as a result of rock removal. However, if the gradient can be modified to facilitate revegetating the surface, the slopes will be modified to a lower gradient. This would mean that the flat areas would be regraded and recontoured.
2. Solid rock outcrops will not be revegetated. This would mean that the side slopes would need to be reclaimed.

Areas disturbed at the base of the steep hill will be regarded, topsoiled, mulched and vegetated with acceptable reclamation practices.

Mr. Hullinger will need a follow-up visit soon and a letter to adequately explain his reclamation obligations at this site. It was apparent that he did not understand what he had agreed to in his mine plan.

PAMELA GRUBAUGH-LITTIG  
RECLAMATION ENGINEER



PGL/btb

cc: J. Smith, DOGM  
T. Portle, DOGM  
M. Boucek, DOGM  
S. Linner, DOGM





































